

Patricia M. French  
Senior Attorney



300 Friberg Parkway  
Westborough, Massachusetts 01581  
(508) 836-7394  
(508) 836-7039 (facsimile)  
[pfrench@nisource.com](mailto:pfrench@nisource.com)

May 24, 2005

BY OVERNIGHT COURIER AND E-FILE

Mary L. Cottrell, Secretary  
Department of Telecommunications and Energy  
One South Station  
Boston, MA 02110

Re: Bay State Gas Company, D.T.E. 05-27

Dear Ms. Cottrell:

Enclosed for filing, on behalf of Bay State Gas Company ("Bay State"), please find Bay State's responses to the following information requests of the Attorney General:

AG-01-23    AG-01-41    AG-01-53    AG-01-60    AG-03-01    AG-03-21  
AG-03-22    AG-04-05    AG-04-15    AG-06-08

Please do not hesitate to telephone me with any questions whatsoever.

Very truly yours,

Patricia M. French

cc: Caroline O'Brien Bulger, Esq., Hearing Officer (1 copy)  
A. John Sullivan, DTE (7 copies)  
Andreas Thanos, Ass't Director, Gas Division  
Alexander Cochis, Assistant Attorney General (4 copies)

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
FIRST SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: John E. Skirtich, Consultant (Revenue Requirements)

AG-1-23: Please itemize and quantify all year 2003 and year 2004 costs allocated or assigned to Construction Work In Progress.

Response: Please see Table AG-1-23 for all year 2003 and year 2004 costs allocated or assigned to Construction Work In Progress ("CWIP").

Table AG-1-23

Bay State Gas Company  
Construction Work In Progress

Line No.	Description	Balance 12/31/2003 \$	Balance 12/31/2004 \$
1	Mains	2,099,478	4,085,356
2	Services	992,007	231,203
3	Measure & Regulator Station	1,563,046	1,523,360
4	Meters	264,643	204,341
5	Meter Installation	385,633	159,175
6	Software	400,472	311,955
7	Electronic Reading Devices	1,727,536	140,984
8	Water Heaters/ Conversion Burners	496,435	123,387
9	Overhead Clearing	82,998	0
10	Miscellaneous CWIP	<u>767,649</u>	<u>605,974</u>
11	Total CWIP	8,779,897	7,385,734



COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
FIRST SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: Steven A. Barkauskas, Vice President of Total Rewards

AG-1-41: Please provide a ten-year history of wage and salary increases for each of the employee groups (e.g. union, clerical, management).

Response: A history of wage and salary increases for each of the employee groups of Bay State Gas Company ("Bay State") for the period 1995 through 2005 for employees is provided in Table AG-1-41. This table was included with the Company's filing as Exhibit BSG/SAB-1; Schedule SAB-4.

TABLE AG-1-41

<b>Year</b>	<b>Non-Union Exempt Percent Increase</b>	<b>Non-Union Non-Exempt Percent Increase</b>	<b>Union Percent Increase</b>
1995	3.80%	4.00%	4.00%
1996	3.00%	4.00%	3.27%
1997	3.00%	4.00%	2.82%
1998	3.50%	3.50%	3.60%
1999	3.00%	3.00%	2.50%
2000	4.00%	4.00%	2.60%
2001	4.00%	4.00%	2.67%
2002	0.00%	2.50%	2.70%
2003	3.00%	3.00%	2.72%
2004	2.30%	3.00%	2.30%
2005	2.30%	3.00%	2.30%

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
FIRST SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: John E. Skirtich, Consultant (Revenue Requirements)

AG-1-53: Please provide an itemized list of all vehicles leased or purchased by the Company. For each vehicle, please provide the make, model, year, and rental charge or original book value.

Response: Please see Attachment AG-1-53.

### Itemized List of Vehicles Leased or Purchased by the Company

[illegible]

Itemized List of Vehicles Leased or Purchased by the Company

<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Leased or Owned</u>	<u>Monthly Lease Payment</u> \$	<u>Acquisition Cost</u> \$
2000	CHEVY	CG21405	LD	394	21,245
2000	CHEVY	CG21405	LD	394	21,245
2000	CHEVY	CG21405	LD	394	20,670
2000	CHEVY	CG21405	LD	394	21,245
2000	CHEVY	CG21405	LD	394	21,245
2000	CHEVY	CG21405	LD	394	21,245
2000	CHEVY	CG21405	LD	394	21,245
2002	CHEVY	IMPALA	LD	367	19,598
2002	CHEVY	MALIBU	LD	293	15,646
2002	CHEVY	IMPALA	LD	367	19,598
2004	CHEVY	EXP VAN 2500	LD	469	23,171
2004	CHEVY	EXP VAN 2500	LD	470	23,130
2004	CHEVY	EXP VAN 2500	LD	408	24,283
2004	CHEVY	EXP VAN 2500	LD	408	24,283
2004	CHEVY	EXP VAN 2500	LD	408	24,283
2004	CHEVY	EXP VAN 2500	LD	432	24,283
2004	CHEVY	EXP VAN 2500	LD	469	23,171
2004	CHEVY	EXP VAN 2500	LD	469	23,171
2004	CHEVY	EXP VAN 2500	LD	469	23,171
2004	CHEVY	EXP VAN 2500	LD	469	23,171
2004	CHEVY	EXP VAN 2500	LD	441	23,171
2004	CHEVY	EXP VAN 2500	LD	469	23,171
2005	CHEVY	EXP VAN 2500	LD	404	19,583
2005	CHEVY	EXP VAN 2500	LD	404	19,583
2005	CHEVY	EXP VAN 2500	LD	404	19,583
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
1998	CHEVY	G20	LD	304	21,432
1998	CHEVY	CG31503	LD	402	29,125
1998	CHEVY	CC31003	LD	569	37,902
1998	CHEVY	CC31003	LD	615	43,128
1999	CHEVY	CC31803	LD	533	35,912
1999	CHEVY	CG31503	LD	639	33,524
1999	CHEVY	CG31503	LD	681	36,541
1989	CHEVY	CK20903	OWNED	0	13,724
1999	CHEVY	CG31503	LD	577	32,008
1992	CHEVY	CS10603	LD	49	9,359
1993	CHEVY	PIPER	OWNED	0	20,000
1994	CHEVY	CG31305	LD	10	20,000
1994	CHEVY	CAB/CHASSIS	OWNED	0	35,000
1995	CHEVY	CAVALIER	LD	9	10,600
1996	CHEVY	LUMINA	OWNED	0	14,527
1996	CHEVY	CG31305	OWNED	0	18,899
1996	CHEVY	K2500	OWNED	0	22,542
1996	CHEVY	GMT400	OWNED	0	19,848
1995	CHEVY	P30	OWNED	0	20,000
1996	CHEVY	GMT400	OWNED	0	7,223
1997	CHEVY	CG31503	OWNED	0	28,265
1998	CHEVY	LUMINA	OWNED	0	3,833
1998	CHEVY	LUMINA	OWNED	0	3,833
1998	CHEVY	2 WD	OWNED	0	4,168
1999	CHEVY	G30	LD	304	21,432
2000	CHEVY	G30	LD	382	21,033
2000	CHEVY	G30	LD	382	21,200
2000	CHEVY	G30	LD	379	21,033
2000	CHEVY	CG21405	LD	343	19,021
2000	CHEVY	CG21405	LD	365	20,034
2000	CHEVY	CG21405	LD	358	20,171

Itemized List of Vehicles Leased or Purchased by the Company

<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Leased or Owned</u>	<u>Monthly Lease Payment</u> \$	<u>Acquisition Cost</u> \$
2000	CHEVY	CG21405	LD	401	21,512
2000	CHEVY	CG21405	LD	387	20,768
2000	CHEVY	CG21405	LD	381	20,492
2000	CHEVY	CG21405	LD	387	20,768
2000	CHEVY	CG21405	LD	381	20,498
2000	CHEVY	CG21405	LD	380	20,492
2000	CHEVY	CG21405	LD	387	20,788
2000	CHEVY	CG21405	LD	382	18,460
2000	CHEVY	CG21405	LD	382	18,460
2000	CHEVY	CG21405	LD	381	20,498
2000	CHEVY	CG21405	LD	388	20,853
2000	CHEVY	CG21405	LD	384	20,618
2000	CHEVY	CG21405	LD	380	20,487
2000	CHEVY	CG21405	LD	401	21,533
2000	CHEVY	CG21405	LD	380	20,492
2000	CHEVY	CG21405	LD	387	20,765
2000	CHEVY	CG31503	LD	582	31,235
2000	CHEVY	CG31503	LD	621	33,346
2000	CHEVY	S10	LD	303	16,299
2002	CHEVY	IMPALA	LD	367	19,598
2004	CHEVY	EXP VAN 2500	LD	439	24,283
2004	CHEVY	EXP VAN 2500	LD	451	24,283
2004	CHEVY	EXP VAN 2500	LD	451	24,283
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2005	CHEVY	EXP VAN 2500	LD	414	21,228
2004	CHEVY	EXP VAN 2500	LD	440	24,283
2004	CHEVY	EXP VAN 2500	LD	711	24,283
2005	CHEVY	EXP VAN 2500 1TON	LD	446	26,750
2005	CHEVY	EXP VAN 2500	LD	414	21,228
1999	CHEVY	LUMINA	LD	260	18,386
2000	CHEVY	IMPALA	OWNED	0	18,811
2002	CHEVY	IMPALA	LD	364	19,598
2001	CHEVY	ASTRO VAN	LD	405	21,748
2000	CHEVY	CG21405	LD	362	16,397
2000	CHEVY	CS10653	LD	294	17,832
2000	CHEVY	CG21405	LD	362	16,397
2000	CHEVY	CG21405	LD	362	16,397
2000	CHEVY	CG21405	LD	362	16,397
2000	CHEVY	CC31003	LD	657	34,626
2000	CHEVY	CG21405	LD	362	16,397
2000	CHEVY	CG21405	LD	362	16,397
2000	CHEVY	MALIBU	LD	278	14,610
2002	CHEVY	MALIBU	LD	296	15,787
2002	CHEVY	CG31405	LD	456	24,703
2002	CHEVY	CG31405	LD	461	24,924
2002	CHEVY	Silverado 3500	LD	569	29,963
2002	CHEVY	Silverado 3500	LD	585	30,825
2002	CHEVY	CG31405	LD	457	24,742
2002	CHEVY	Silverado 3500	LD	687	36,183
2002	CHEVY	CG31405	LD	465	25,105
2002	CHEVY	CG31405	LD	456	24,703
2002	CHEVY	CG31405	LD	461	24,924
2001	CHEVY	CK3500HD	LD	836	45,382
2002	CHEVY	MALIBU	LD	293	15,646
1996	CHEVY	K2500	OWNED	0	25,436
1996	CHEVY	C3500	OWNED	0	27,051
1998	CHEVY	LUMINA	OWNED	0	15,335
1998	CHEVY	K2500	LD	270	19,575
1999	CHEVY	CG21405	LD	243	17,435
1999	CHEVY	CG31503	LD	587	28,247
1999	CHEVY	CG21405	OWNED	0	17,435
1999	CHEVY	CG21405	LD	279	17,435
1999	CHEVY	CK3500	LD	468	23,504
2002	CHEVY	CG31405	LD	471	25,417
2000	CHEVY	MALIBU	LD	285	16,288
2001	DODGE	RAM BR2500	LD	431	23,232
2001	DODGE	RAM BR2500	LD	431	23,232



Itemized List of Vehicles Leased or Purchased by the Company

<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Leased or Owned</u>	<u>Monthly Lease Payment</u> \$	<u>Acquisition Cost</u> \$
2001	DODGE	RAM BR2500	LD	431	23,232
2002	DODGE	INTREPID	LD	292	15,327
2002	DODGE	STRATUS	LD	253	13,314
2002	DODGE	INTREPID	LD	270	14,175
2002	DODGE	STRATUS	LD	253	13,314
2002	DODGE	RAM 2500 HD	LD	431	22,462
2003	DODGE	DAKOTA 2WD	LD	248	12,715
2003	DODGE	DAKOTA 2WD	LD	249	12,785
2003	DODGE	DAKOTA 2WD	LD	248	12,739
2003	DODGE	DAKOTA 2WD	LD	248	12,715
2003	DODGE	RAM VAN 3500 CARGO	LD	421	21,521
2003	DODGE	RAM VAN 3500 CARGO	LD	421	21,510
2003	DODGE	RAM VAN 3500 CARGO	LD	421	21,512
2003	DODGE	RAM VAN 3500 CARGO	LD	421	21,521
2003	DODGE	RAM VAN 3500 CARGO	LD	421	21,508
2003	DODGE	RAM VAN 3500 CARGO	LD	421	21,521
2003	DODGE	RAM VAN 3500 CARGO	LD	421	21,521
2003	DODGE	DURANGO 4DR 4WD	LD	399	20,570
2004	DODGE	DAKOTA 4X4 QUAD 4WD	LD	413	20,507
2005	DODGE	CARAVAN	LD	412	19,152
2004	DODGE	DAKOTA 4X4 QUAD 4WD	LD	406	20,147
2004	DODGE	DAKOTA 4X4 QUAD 4WD	LD	410	20,385
2005	DODGE	STRATUS	LD	369	16,619
2005	DODGE	DAKOTA 4X2 PICKUP	LD	498	18,891
2005	DODGE	DAKOTA 4X2 PICKUP	LD	433	19,528
2001	DODGE	RAM BR2500	LD	501	27,010
2001	DODGE	RAM BR2500	LD	487	26,249
2002	DODGE	RAM 2500 HD	LD	243	22,118
2002	DODGE	RAM 2500 HD	LD	432	22,532
2002	DODGE	RAM 2500 HD	LD	430	22,422
2002	DODGE	RAM 2500 HD	LD	432	22,532
2003	DODGE	RAM 1500 QUAD 4WD	LD	431	22,098
2004	DODGE	STRATUS	LD	269	13,840
2003	DODGE	DAKOTA 4X4 QUAD 4WD	LD	448	22,859
2003	DODGE	RAM VAN 3500 CARGO	LD	423	21,616
2003	DODGE	RAM VAN 3500 CARGO	LD	418	21,394
2004	DODGE	DAKOTA 2WD	LD	365	18,156
2004	DODGE	DAKOTA 4X4 QUAD 4WD	LD	398	19,063
2005	DODGE	DAKOTA 4X4 QUAD 4WD	LD	428	21,607
2005	DODGE	DAKOTA 4X4 QUAD 4WD	LD	429	22,207
2005	DODGE	DAKOTA 4X4 QUAD 4WD	LD	397	22,207
2001	DODGE	INTREPID	LD	386	20,618
2002	DODGE	INTREPID	LD	270	14,175
2000	DODGE	RAM VAN 3500	LD	368	16,819
2000	DODGE	RAM VAN 3500	LD	368	16,819
2000	DODGE	Dakota SLT	LD	297	20,592
2000	DODGE	Dakota SLT	LD	315	20,679
2001	DODGE	RAM VAN 3500	LD	433	23,092
2002	DODGE	RAM VAN 3500	LD	354	17,969
2003	DODGE	DAKOTA	LD	307	15,732
2004	DODGE	RAM 2500 HD	LD	488	24,251
2004	DODGE	RAM 2500 HD	LD	469	21,994
2005	DODGE	2500 RAM TRUCK	LD	542	25,512
2005	DODGE	DAKOTA	LD	576	24,143
2004	DODGE	STRATUS	LD	304	15,194
1998	FORD	TAURUS	OWNED	0	17,303
1999	FORD	TAURUS	LD	226	16,370
1999	FORD	E250	LD	454	20,615
1999	FORD	E250	LD	454	20,615
1998	FORD	E250	LD	358	20,615
1998	FORD	E250	LD	358	21,700
1998	FORD	E250	LD	358	21,700
1998	FORD	E250	LD	358	21,700
1999	FORD	E250	LD	458	20,615
1999	FORD	E250	LD	458	21,700
1998	FORD	E250	LD	358	21,700
1998	FORD	E250	LD	358	21,700

Itemized List of Vehicles Leased or Purchased by the Company

<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Leased or Owned</u>	<u>Monthly Lease Payment</u> \$	<u>Acquisition Cost</u> \$
1998	FORD	E250	LD	358	21,700
1999	FORD	E250	LD	458	21,700
1999	FORD	E250	LD	458	21,700
1999	FORD	E250	LD	458	21,700
1999	FORD	E250	LD	453	21,700
1999	FORD	E250	LD	456	21,700
1999	FORD	E250	LD	452	21,700
1999	FORD	E250	LD	454	21,700
1999	FORD	E250	LD	452	24,918
1999	FORD	E250	LD	451	24,828
1999	FORD	E250	LD	437	24,053
1999	FORD	E250	LD	429	23,612
1999	FORD	E250	LD	436	23,952
1999	FORD	E250	LD	435	23,969
1999	FORD	E250	LD	437	24,041
1999	FORD	E250	LD	439	24,112
1999	FORD	E250	LD	454	25,189
1999	FORD	E250	LD	454	25,189
1999	FORD	E250	LD	454	25,189
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2001	FORD	F250	LD	447	23,924
2002	FORD	F250	LD	436	23,050
2001	FORD	F250	LD	402	21,499
2001	FORD	E250	LD	405	21,643
2001	FORD	E250	LD	404	21,631
2001	FORD	E250	LD	404	21,631
2001	FORD	E250	LD	403	21,546
2001	FORD	E250	LD	404	21,635
2001	FORD	E250	LD	403	21,580
2002	FORD	F450	LD	857	44,251
2003	FORD	E250 CARGO COMM	LD	468	21,519
2004	FORD	F450 WELDING TRUCK	LD	684	50,000
2004	FORD	F450 WELDING TRUCK	LD	648	50,000
2004	FORD	F550 4X2 FITTER TRUCK	LD	904	55,500
2004	FORD	F550 4X2 FITTER TRUCK	LD	905	55,500
2004	FORD	F550 4X2 FITTER TRUCK	LD	864	55,500
2004	FORD	F550 4X2 FITTER TRUCK	LD	913	55,500
1998	FORD	E250	LD	299	21,700
1998	FORD	E250	LD	299	21,700
1998	FORD	E250	LD	331	21,700
1998	FORD	E250	LD	351	21,700
1998	FORD	E250	LD	345	21,700
1998	FORD	E250	LD	351	21,700
1998	FORD	E250	LD	351	21,700
1999	FORD	E250	LD	446	24,728
1999	FORD	E250	LD	438	24,310
1999	FORD	E250	LD	457	25,354
1999	FORD	E250	LD	457	25,354
1999	FORD	E250	LD	450	24,950
1996	FORD	E250	OWNED	0	23,796
1996	FORD	E250	OWNED	0	23,796
1999	FORD	E250	LD	450	24,953
1999	FORD	E250	LD	454	24,953
1999	FORD	E250	LD	454	24,953
1999	FORD	E250	LD	451	24,953
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2000	FORD	F150	LD	455	24,526
2001	FORD	F250	LD	419	22,370
2001	FORD	E250	LD	389	20,813
2001	FORD	E250	LD	406	21,692

Itemized List of Vehicles Leased or Purchased by the Company

<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Leased or Owned</u>	<u>Monthly Lease Payment</u> \$	<u>Acquisition Cost</u> \$
2001	FORD	E250	LD	389	20,805
2001	FORD	E250	LD	392	20,913
2001	FORD	E250	LD	392	20,910
2001	FORD	E250	LD	392	20,918
2001	FORD	E250	LD	392	20,903
2001	FORD	E250	LD	407	21,743
2003	FORD	E350 COMMERCIAL CUTAWAY	LD	728	36,774
2004	FORD	REGULATOR TRUCK	LD	665	19,705
1999	FORD	TAURUS	LD	226	16,370
2000	FORD	TAURUS	LD	358	18,811
2002	FORD	F350 4X4	LD	647	33,272
2003	FORD	COMMERCIAL CUTAWAY	LD	646	32,640
2003	FORD	F450 SD CHASSIS 2WD	LD	686	45,618
2003	FORD	F450 SD CHASSIS 2WD	LD	686	45,618
2004	FORD	F450 SD CHASSIS 2WD	LD	918	45,297
1972	FORDX	F600	OWNED	0	25,000
1961	HGHTR	UTILITY	OWNED	0	61,750
1999	INT	4900	LD	846	60,314
1996	INT	4900	OWNED	0	50,085
1999	INT	4900	LD	846	58,479
1997	INT	4900	OWNED	0	66,143
1997	INT	4900	OWNED	0	66,143
1999	INT	4900	LD	1,297	88,594
1997	INT	4900	OWNED	0	66,143
1999	INT	4900	LD	1,379	96,369
1995	INT	4900	OWNED	0	50,812
1995	INT	4900	OWNED	0	73,825
1995	INT	4900	OWNED	0	75,853
1996	INT	4900	OWNED	0	58,825
1996	INT	4900	OWNED	0	58,825
2000	INT	4900	LD	1,710	94,064
2000	INT	4900	LD	1,724	94,846
2000	INT	4900	LD	1,710	94,064
2000	INT	4900 4X2	LD	2,125	114,234
2001	INT	4900 4X2	LD	915	63,007
2001	INT	4900 4X2	LD	908	62,737
2003	INT	4300 4X2	LD	1,286	99,051
2003	INT	4300 4X2	LD	1,279	99,364
2002	INT	4300 4X2	LD	738	58,671
2002	INT	4300 4X2	LD	743	58,696
2002	INT	4300 4X2	LD	743	57,065
1999	INT	4900	LD	1,342	44,665
1999	INT	4900	LD	1,117	78,710
1992	INT	4700	OWNED	0	51,000
1992	INT	4700	OWNED	0	51,000
1994	INT	4900	OWNED	0	60,000
1993	INT	4700	OWNED	0	52,000
1995	INT	4900 4X2	OWNED	0	75,000
1996	INT	4900	OWNED	0	44,335
1996	INT	4900	OWNED	0	75,000
1996	INT	4700 4X2	OWNED	0	45,000
1999	INT	4900	LD	1,293	85,225
2000	INT	4900	LD	1,391	77,142
2000	INT	4900	LD	1,724	94,846
2000	INT	4900 4X2	LD	1,115	61,476
2004	INT	4300 4X2 INTERNATIONAL MT	LD	980	80,393
2003	INT	4300 4X2 INTERNATIONAL MT	LD	1,233	101,415
2003	INT	4300 4X2 INTERNATIONAL MT	LD	952	82,188
2004	INT	4300 4X2 INTERNATIONAL MT	LD	980	80,393
2003	INT	4300 4X2 INTERNATIONAL MT	LD	1,229	101,086
2004	INT	4300 4X2 INTERNATIONAL MT	LD	980	80,393
2005	INT	4300 4X2 DUMP TRUCK	LD	754	60,128
2003	INTE	4300 4X2 INTERNATIONAL MT	LD	1,190	102,996
2004	INTE	4300 4X2 MT INTERNATIONAL	LD	1,237	101,718
2000	INTL	4900	LD	1,517	45,725
2000	INTL	4900	LD	1,512	45,725
2005	INTL	4300	LD	756	60,128

Itemized List of Vehicles Leased or Purchased by the Company

<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Leased or Owned</u>	<u>Monthly Lease Payment</u> \$	<u>Acquisition Cost</u> \$
1999	INTL	4900	LD	1,342	44,665
1989	INTL	1754	OWNED	0	27,000
1993	JCB	214CM4WD2WS	OWNED	0	51,000
1995	JCB	CENTERMOUNT	OWNED	0	50,477
1996	JCB	214CM 4WD 2W	OWNED	0	47,281
2000	JCB	214 4WD	LD	1,020	55,431
2000	JCB	214 4WD	LD	1,002	54,486
1995	JCB	210S	OWNED	0	45,599
2001	JEEP	CHEROKEE 4DR 4WD	LD	451	21,184
2001	JEEP	CHEROKEE 4DR 4WD	LD	463	21,593
1989	JHNDR	310C	OWNED	0	31,733
1998	JHNDR	310SE	LD	722	51,450
1998	JHNDR	310SE	LD	722	51,450
1998	JHNDR	310SE	LD	722	51,450
2000	JHNDR	310SE	LD	1,062	55,805
2000	JHNDR	310SE	LD	981	55,805
2001	JHNDR	310SG	LD	677	50,054
2001	JHNDR	310SG	LD	677	50,054
2001	JHNDR	310SG	LD	677	58,439
1992	JHNDR	310D	OWNED	0	43,750
2002	JHNDR	310SG	LD	543	41,633
2003	JHNDR	310SG JOHN DEERE	LD	1,218	54,858
2003	JHNDR	310SG JOHN DEERE	LD	815	54,858
2004	JHNDR	SKID	LD	402	25,728
2003	KEIFER	PIPE	LD	161	10,774
2004	KIEFR	1824	LD	249	10,787
2001	TOYOT	7FGU35	LD	615	32,510

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
FIRST SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: John E. Skirtich, Consultant (Revenue Requirements)

AG-1-60: Please provide the amount of storm damage costs incurred in each of the years 2003 and 2004 and:

- (1) the amount booked in the year (by account);
- (2) the amount included in operations and maintenance expense;
- (3) the amount of overtime included operations and maintenance accounts;
- (4) the amount incurred for outside services.

Response: See Table AG-1-60 below.

**Table AG-1-60**

<b><u>Description</u></b>	<b><u>2004</u></b>	<b><u>2003</u></b>
1. Account 367 (Mains)	0	\$24,525
2. Booked to O&M	0	0
3. Overtime included in O&M	0	0
4. Amount incurred for outside services	0	\$1,563

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
THIRD SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: John E. Skirtich, Consultant

AG-3-1 Referring to Exhibit BSG/JES-1, Workpaper JES-6, page 4, lines 1-15, for 2004 Payroll Overtime, please provide a schedule similar to this one to calculate the monthly adjustments for straight time wages for the test year.

Response: The adjustment for straight time wages for the test year was calculated on an annual basis and monthly adjustments were not computed.

Please refer to Exhibit BSG/JES-1, Workpaper JES-6, page 2 of 31. For each union, this schedule shows the test year straight time wages and the annual wages as of December 2004. The difference between the two amounts, \$311,361, is shown on line 4. This adjustment is not available on a monthly basis.

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
THIRD SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: John E. Skirtich, Consultant (Revenue Requirements)

AG-3-21 Please reconcile the "Total Income Statement" Bad Debt Accrual amount of \$8,244,660, shown on Exhibit BSG/JES-1, Workpaper JES-6, page 21, line 42 with the Uncollectible accounts amount shown in the Company's 2004 Annual Return to the Department, page 47, line 6.

Response: See below for the requested information.

<u>Account No.</u>	<u>Description</u>	<u>Amount</u> \$	
904-00	Bad Debt Accrual	8,244,660	Exhibit BSG/JES-1, Workpaper JES-6. Page 21, line 42
904-01	Bad Debt Exp. Customer Service	86,737	
904-02	Bad Debt Exp. Rental	326,029	
904-03	Bad Debt Accrual - Special	<u>245,169</u>	
	Total Uncollectible Accounts	8,902,595	2004 Annual Return to the Department, page 47, line 6

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
THIRD SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: John E. Skirtich, Consultant (Revenue Requirements)

AG-3-22      Exhibit BSG/JES-1, Workpaper JES-6, page 25, line 8 refers to Exhibit BSG/JES- 1, Workpaper JES-18, page 1 of 8, line 26, please provide a copy of that Exhibit BSG/JES-1, Workpaper JES-18, along with Workpapers JES-14, 15, 16, 17, and any other workpapers that were not provided with the Company's original filing.

Response:    The reference on line 8 of Workpaper JES-6, page 25, should read Workpaper JES-6, page 24 line 24.

All the workpapers were provided with the original filing. There are no Workpapers JES-14, 15, 16, 17.



COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
SIXTH SET OF INFORMATION REQUESTS FROM THE ATTORNEY GENERAL  
D. T. E. 05-27

Date: May 24, 2005

Responsible: Danny G. Cote, General Manager

AG-6-8      Provide copies of all DOT 7100 system reports submitted to the DOT since 1995. Provide copies of all DOT 7100 system reports submitted to the DOT since 1995.

Response:    Attached are copies of the U.S. Department of Transportation Office of Pipeline Safety (DOT form RSPA F7100.1-1) for the years 1995 through 1999.

Attachment AG-6-8 (a) - 1995 BSG F7100.1-1  
Attachment AG-6-8 (b) - 1996 BSG F7100.1-1  
Attachment AG-6-8 (c) - 1997 BSG F7100.1-1  
Attachment AG-6-8 (d) - 1998 BSG F7100.1-1  
Attachment AG-6-8 (e) - 1999 BSG F7100.1-1

The DOT form RSPA F7100.1-1 for the years 2000 through 2004 have been filed in the Company's response to DTE-03-11 and labeled as follows:

Attachment DTE-3-11 (a) - 2000 BSG F7100.1-1  
Attachment DTE-3-11 (b) - 2001 BSG F7100.1-1  
Attachment DTE-3-11 (c) - 2002 BSG F7100.1-1  
Attachment DTE-3-11 (d) - 2003 BSG F7100.1-1  
Attachment DTE-3-11 (e) - 2004 BSG F7100.1-1



Department of Transportation  
Research and Special Programs  
Administration

## ANNUAL REPORT FOR CALENDAR YEAR 19 95

### GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒

SUPPLEMENTAL REPORT ☐

#### PART A - OPERATOR INFORMATION

1. NAME OF COMPANY OR ESTABLISHMENT  
Bay State Gas Company

2. LOCATION OF OFFICE WHERE ADDITIONAL INFORMATION MAY BE OBTAINED  
300 Friberg Parkway  
Number and Street  
Westborough  
City and County  
MA 01581-5039  
State and Zip Code

#### DOT USE ONLY

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (WHEN KNOWN)  
01209

4. HEADQUARTERS NAME & ADDRESS IF DIFFERENT

5. STATES IN WHICH SYSTEM OPERATES Massachusetts

#### PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year

1 GENERAL										
	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAINS	607	319	0	1781	758	936		0		
NO OF SERVICES	74075	11145	0	55161	76173	0		622		


#### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL	0	958	731	884	119	16
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON	0	60	424	385	47	19
PLASTIC						
1. PVC						
2. PE	0	474	196	88	0	0
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS	0	1492	1351	1357	166	35

#### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR

AVERAGE SERVICE LENGTH 70 FEET.

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL	0	90745	46320	3118	198	0
DUCTILE IRON						
COPPER	0	588	32	2	0	0
CAST WROUGHT IRON						
PLASTIC						
1. PVC						
2. PE	0	58156	17453	523	41	0
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS	0	149489	63805	3643	239	0

PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR	
CAUSE	ELIMINATED/REPAIRED DURING YEAR		0	
	Mains	Services		
CORROSION	580	691	<b>PART E - PERCENT OF UNACCOUNTED FOR GAS</b>  Unaccounted for gas as a percent of total input for year ending 6/30 <u>1.2</u> %	
THIRD PARTY	73	317		
OUTSIDE FORCE	72	8		
CONSTRUCTION DEFECT	3	6		
MATERIAL DEFECT	39	66		
OTHER	652	571		
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR		10		
PART F - ADDITIONAL INFORMATION				
PART G - PREPARER AND AUTHORIZED SIGNATURE				
Edward J. Collins		508 / 836-7000		
Prepared by (type/print)		telephone		
Paul W. LaShoto, Director of Operations		508 / 836-7000		
Name and Title of Person Signing		telephone		
		 Authorized Signature		

U.S. Department  
of TransportationResearch and  
Special Programs  
Administration

400 Seventh St. SW  
Washington, DC 20590

Official Business  
Penalty for Private Use \$300

Postage and Fees Paid  
Research and Special  
Programs  
Administration  
DOT-513



Information Resources Manager  
Office of Pipeline Safety, DPS-3.3  
Research and Special Programs Administration  
400 7th Street, S.W.  
Washington, D.C. 20590



U.S. Department of Transportation  
Research and Special Programs  
Administration

# ANNUAL REPORT FOR CALENDAR YEAR 19 96 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒  
SUPPLEMENTAL REPORT ☐

## PART A - OPERATOR INFORMATION

DOT USE ONLY

1. NAME OF COMPANY OR ESTABLISHMENT

Bay State Gas Company

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (WHEN KNOWN)

0 1 2 0 9

2. LOCATION OF OFFICE WHERE ADDITIONAL  
INFORMATION MAY BE OBTAINED

300 Friberg Parkway

Number and Street

Westborough

City and County

Massachusetts 01581-5039

State and Zip Code

4. HEADQUARTERS NAME & ADDRESS IF DIFFERENT

5. STATES IN WHICH SYSTEM OPERATES Massachusetts

## PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year

### 1. GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAINS	593	182	0	1,925	821	921		0		
NO. OF SERVICES	71,978	11,235	0	54,842	82,979	0		621		

### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL	0	952	726	885	121	16
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON	0	60	417	378	47	19
PLASTIC 1. PVC						
2. PE	0	514	210	98	0	0
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS	0	1,526	1,353	1,360	168	35

### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR

AVERAGE SERVICE LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL	0	89,995	44,775	3,091	194	0
DUCTILE IRON						
COPPER	0	587	32	2	0	0
CAST WROUGHT IRON						
PLASTIC 1. PVC						
2. PE	0	63,272	19,127	536	44	0
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS	0	153,854	63,934	3,629	238	0

## PART C - TOTAL LEAKS

CAUSE	ELIMINATED/REPAIRED DURING YEAR	
	Mains	Services
CORROSION	570	719
THIRD PARTY	64	247
OUTSIDE FORCE	69	11
CONSTRUCTION DEFECT	3	5
MATERIAL DEFECT	11	20
OTHER	552	423
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR		23

0

## PART E - PERCENT OF UNACCOUNTED FOR GAS

Unaccounted for gas as a percent of total

input for year ending 6/30 1.5%

## PART F - ADDITIONAL INFORMATION

## PART G - PREPARER AND AUTHORIZED SIGNATURE

Edward J. Collins (508) 836-7000 /

Prepared by (type/print)

telephone

Edward J. Collins, Senior Engineer

Name and Title of Person Signing

508/836-7000

telephone



Authorized Signature

U.S. Department  
of TransportationResearch and  
Special Programs  
Administration400 Seventh St. SW  
Washington, DC 20590Official Business  
Penalty for Private Use \$300

Information Resources Manager  
Office of Pipeline Safety, DPS-3.3  
Research and Special Programs Administration  
400 7th Street, S.W.  
Washington, D.C. 20590

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678. Form Approved OMB No. 2137-0522



U.S. Department of Transportation  
Research and Special Programs  
Administration

# ANNUAL REPORT FOR CALENDAR YEAR 1997 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒  
SUPPLEMENTAL REPORT ☐

## PART A OPERATOR INFORMATION

DOT USE ONLY

1. NAME OF COMPANY OR ESTABLISHMENT

Bay State Gas

2. LOCATION OF OFFICE WHERE ADDITIONAL  
INFORMATION MAY BE OBTAINED

300 Friberg Parkway

Number and Street

Westboro, Worcester

City and County

Massachusetts

State and Zip Code

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER

(When Known) 101121091

4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT

Same

Number and Street

City and County

State and Zip Code

5. STATES IN WHICH SYSTEM OPERATES : Massachusetts

## PART B SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year.

### 1. GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	580	161	0	1950	886	910	-	0		
NO. OF SERVICES	70108	10814	0	54226	88319	0	-	616		

### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL	0	946	723	882	124	16
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON	0	60	410	374	47	19
PLASTIC						
1. PVC						
2. PE	0	554	226	106	0	0
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS	0	1560	1359	1362	171	35

### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR AVERAGE SERVICES LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL	0	88867	43034	3058	189	0
DUCTILE IRON						
COPPER	0	582	32	2	0	0
CAST WROUGHT IRON						
PLASTIC						
1. PVC						
2. PE	0	67125	20574	574	46	0
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS	0	156574	63640	3634	235	0

Form RSPA F 7100.1-1 (11-85)  
(Supersedes DOT F 7100.1-1)

Reproduction of this form is permitted.



PART C TOTAL LEAKS			PART D TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR
CAUSE	ELIMINATED/REPAIRED DURING YEAR		0
	Mains	Services	
CORROSION	485	596	
THIRD PARTY	62	248	
OUTSIDE FORCE	65	6	
CONSTRUCTION DEFECT	1	2	
MATERIAL DEFECT	30	23	
OTHER	509	497	PART E PERCENT OF UNACCOUNTED FOR GAS  Unaccounted for gas as a percent of total  input for year ending 6/30 0 %.
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR 27			
PART F ADDITIONAL INFORMATION			
PART G PREPARER AND AUTHORIZED SIGNATURE			
_____ Edward J. Collins Prepared by (type/print)		_____ (508) 836-7000 Area Code/Telephone Number	
_____ Edward J. Collins, Senior Engineer Name and Title of Person Signing		_____ (508) 836-7000 Area Code/Telephone Number	
_____ <i>Edward Collins</i> Authorized Signature			

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation Form Approved  
for each day that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678. OMB No. 2137-0522



U.S. Department of Transportation  
Research and Special Programs  
Administration

# ANNUAL REPORT FOR CALENDAR YEAR 1998 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒  
SUPPLEMENTAL REPORT ☐

## PART A - OPERATOR INFORMATION

DOT USE ONLY

1. NAME OF COMPANY OR ESTABLISHMENT  
BAY STATE GAS COMPANY

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER  
(When Known) 1011210191

2. LOCATION OF OFFICE WHERE ADDITIONAL  
INFORMATION MAY BE OBTAINED

4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT

300 FRIBERG PARKWAY

Number and Street

Number and Street

WESTBOROUGH, WORCESTER

City and County

City and County

MASSACHUSETTS 01581-5039

State and Zip Code

State and Zip Code

5. STATES IN WHICH SYSTEM OPERATES : MASSACHUSETTS

## PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year.

### 1. GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	562	143	0	1976	952	897				
NO. OF SERVICES	68376	10587	0	53619	94254	0		613		

### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 6"	OVER 6" THRU 12"	OVER 12"
STEEL		938	717	882	128	16
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON		59	404	369	46	19
PLASTIC						
1. PVC						
2. PE		595	241	116		
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		1592	1362	1367	174	35

### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR

AVERAGE SERVICES LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL		87962	41409	3025	186	
DUCTILE IRON						
COPPER		580	31	2		
CAST WROUGHT IRON						
PLASTIC						
1. PVC						
2. PE		71031	22574	598	51	
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		159573	64014	3625	237	

Form RSPA F 7100.1-1 (11-85)  
(Supersedes DOT F 7100.1-1)

Reproduction of this form is permitted.



PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR
CAUSE	ELIMINATED/REPAIRED DURING YEAR		0
	Mains	Services	
CORROSION	611	920	
THIRD PARTY	61	269	
OUTSIDE FORCE	51	68	
CONSTRUCTION DEFECT	11	2	
MATERIAL DEFECT	18	37	PART E - PERCENT OF UNACCOUNTED FOR GAS
OTHER	677	397	
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR <u>21</u>			
PART F - ADDITIONAL INFORMATION			Unaccounted for gas as a percent of total  input for year ending 6/30 <u>0.65</u> %.
PART G - PREPARER AND AUTHORIZED SIGNATURE			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;"><u>EDWARD COLLINS</u> Prepared by (type/print)</p> <p style="text-align: center;"><u>EDWARD COLLINS, SENIOR ENGINEER</u> Name and Title of Person Signing</p> <p style="text-align: center;"><u><i>Edward Collins</i></u> Authorized Signature</p> </div> <div style="width: 45%;"> <p style="text-align: center;"><u>(508) 836-7000</u> Area Code/Telephone Number</p> <p style="text-align: center;"><u>(508) 836-7000</u> Area Code/Telephone Number</p> </div> </div>			

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678. Form Approved OMB No. 2137-0522



U.S. Department of Transportation  
Research and Special Programs  
Administration

# ANNUAL REPORT FOR CALENDAR YEAR 1999 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒ X  
SUPPLEMENTAL REPORT ☐

## PART A - OPERATOR INFORMATION

DOT USE ONLY

1. NAME OF COMPANY OR ESTABLISHMENT

**Bay State Gas Company**

2. LOCATION OF OFFICE WHERE ADDITIONAL  
INFORMATION MAY BE OBTAINED

**300 Friberg Parkway**

Number and Street

**Westborough Worcester**

City and County

**MA 01581-5039**

State and Zip Code

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER  
(When Known) / 0 / 1 / 2 / 0 / 9 /

4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT

Number and Street

City and County

State and Zip Code

5. STATES IN WHICH SYSTEM OPERATES :

**Massachusetts**

## PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year.

### 1. GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	551	139	0	1985	1012	889				
NO. OF SERVICES	67286	10080	0	53385	99126	0		609		

### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL		935	714	880	130	17
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON		59	400	365	46	18
PLASTIC						
1. PVC						
2. PE		631	257	124		
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		1625	1371	1369	176	35

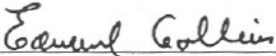
### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR

AVERAGE SERVICES LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL		87710	40446	3009	187	
DUCTILE IRON						
COPPER		576	31	2		
CAST WROUGHT IRON						
PLASTIC						
1. PVC						
2. PE		74168	24280	627	50	
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		161854	64757	3638	237	

Form RSPA F 7100.1-1 (11-85)  
(Supersedes DOT F 7100.1-1)

*Reproduction of this form is permitted.*

PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR	
CAUSE	ELIMINATED/REPAIRED DURING YEAR Mains	Services	0	
CORROSION	651	852		
THIRD PARTY	57	262		
OUTSIDE FORCE	74	33		
CONSTRUCTION DEFECT	3	2		
MATERIAL DEFECT	33	72		
OTHER	688	423	Unaccounted for gas as a percent of total	
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR 36			input for year ending 6/30 1.67 %.	
PART E - PERCENT OF UNACCOUNTED FOR GAS				
PART F - ADDITIONAL INFORMATION				
PART G - PREPARER AND AUTHORIZED SIGNATURE				
<i>Edward Collins</i> Prepared by (type/print)			<b>(508) 836-7000</b> Area Code/Telephone Number	
<i>Edward Collins, Senior Engineer</i> Name and Title of Person Signing			<b>(508) 836-7000</b> Area Code/Telephone Number	
 Authorized Signature				